



SPECIFICATIONS

POWER AMPLIFIER SECTION

80 watts per channel minimum, RMS at 8 ohms from 20 Hz to 20,000 Hz with no more than 0.1% total harmonic distortion

Both Channel Driven

Dynamic Power Output	85 + 85 watts 8 ohms at 1,000 Hz
Total Harmonic Distortion	100 + 100 watts 4 ohms at 1,000 Hz
Intermodulation Distortion	380 watts (4 ohms)
Power Bandwidth	0.1% at rated power into 8 ohms
Signal to Noise Ratio (IHF A)	0.04% at 1 watt power into 8 ohms at 20 Hz ~ 20,000 Hz
Damping Factor	0.1% at rated power into 8 ohms
Input Sensitivity / Impedance	5 Hz to 40,000 Hz
Speaker Impedance	100 dB (short circuited)
	50 at 8 ohms
	1.0V / 50 kohms
	Accept 4 ohms to 16 ohms

PREAMPLIFIER SECTION

Input Sensitivity / Impedance / Signal to Noise Ratio (IHF A)	
Phono 1	25 mV / 50 kohms / 72 dB (5 mV)
Phono 2	25 mV / 50 kohms / 72 dB (5 mV)
Tuner	150 mV / 50 kohms / 90 dB
AUX	150 mV / 50 kohms / 90 dB
Tape	150 mV / 50 kohms / 90 dB
Maximum Input Level	
Phono	260 mV (rms) T.H.D. 0.1% at 1,000 Hz
Output Level / Impedance	
Tape REC (Pin)	150 mV
(Din)	30 mV / 80 kohms
Frequency Response	
Phono	RIAA standard curve +0.3 dB
AUX & Tape	20 Hz to 40,000 Hz +0.5 dB
Tone Control	
Bass	150 Hz
	+5.0 dB at 100 Hz
Treble	400 Hz
	+7.5 dB at 100 Hz
	+7.5 dB at 10,000 Hz
	+5.0 dB at 10,000 Hz
Loudness Control (-30 dB)	
1	+7.5 dB at 100 Hz
2	+3.5 dB at 100 Hz
Low Filter	40 Hz 12 dB / oct
High Filter	8,000 Hz 12 dB / oct
Presence	800 Hz
	+5 dB
	3 kHz
	+6 dB

GENERAL

Power Requirement	AC 50/60 Hz 110 ~ 120V, 220 ~ 240V
Power Consumption	550 watts at full power
AC Outlet	Switched 2, Unswitched 1
Dimension	W 16 15/16" (430 mm), H 5 7/8" (149 mm), D 14 13/16" (376 mm)
Weight	35.2 lbs. (16 kg)

NOTE:
The PC board of Presence unit (X11-1330-10), which is employed with KA-8300 is changed to the following.
KA-8300 had carried out changes from Serial No. 340.101.
KA-9800 had done out changes from Serial No. 340.001.

